

Fig. 1

A Experimental Set-up

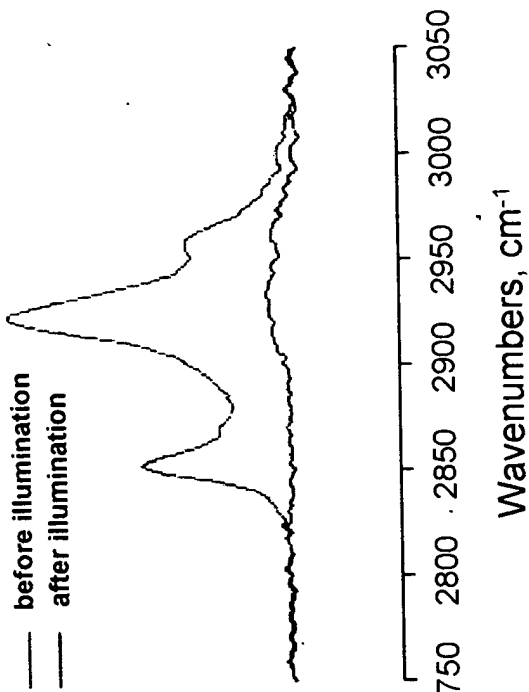
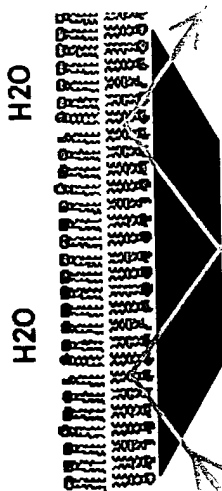


Fig. 2

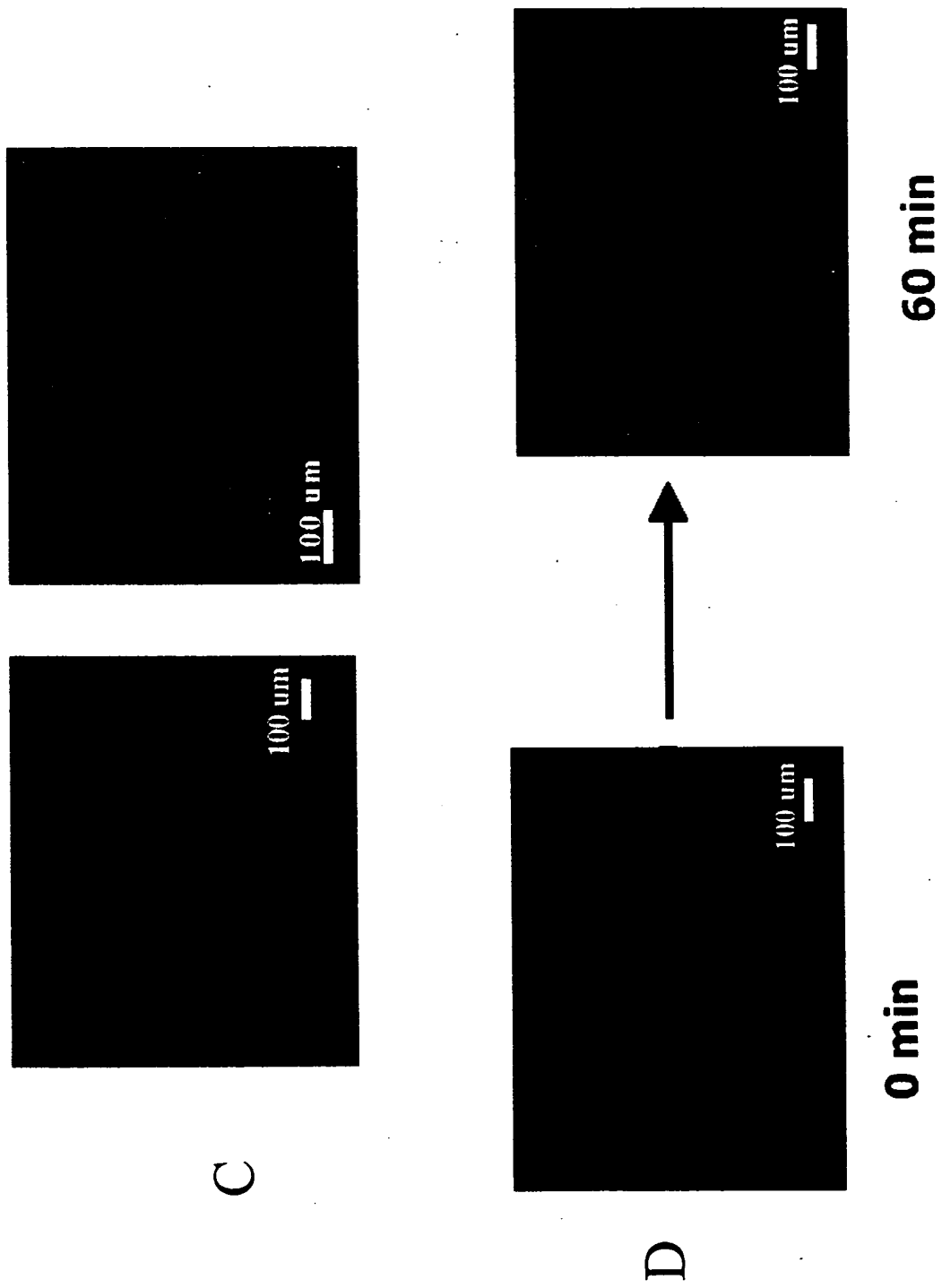


Fig. 2

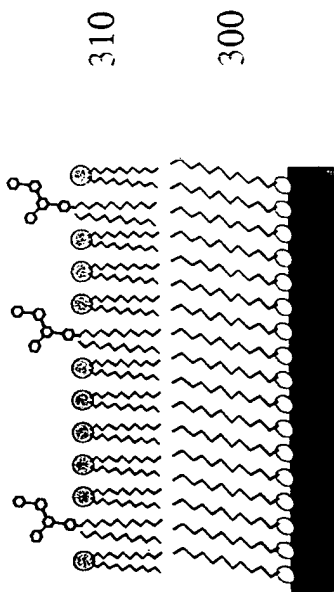


Fig. 3

5/31

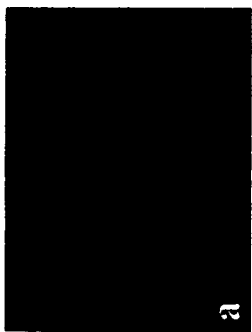
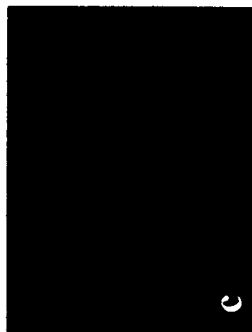


Fig. 4

6/31

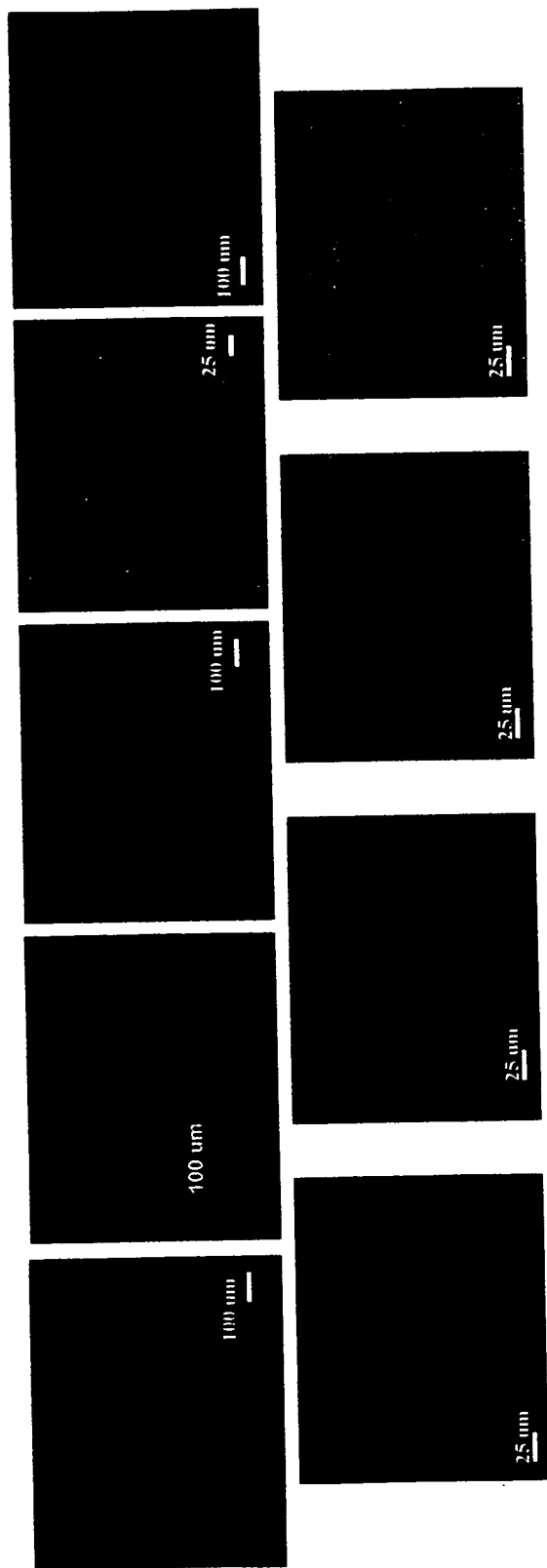


Fig. 5

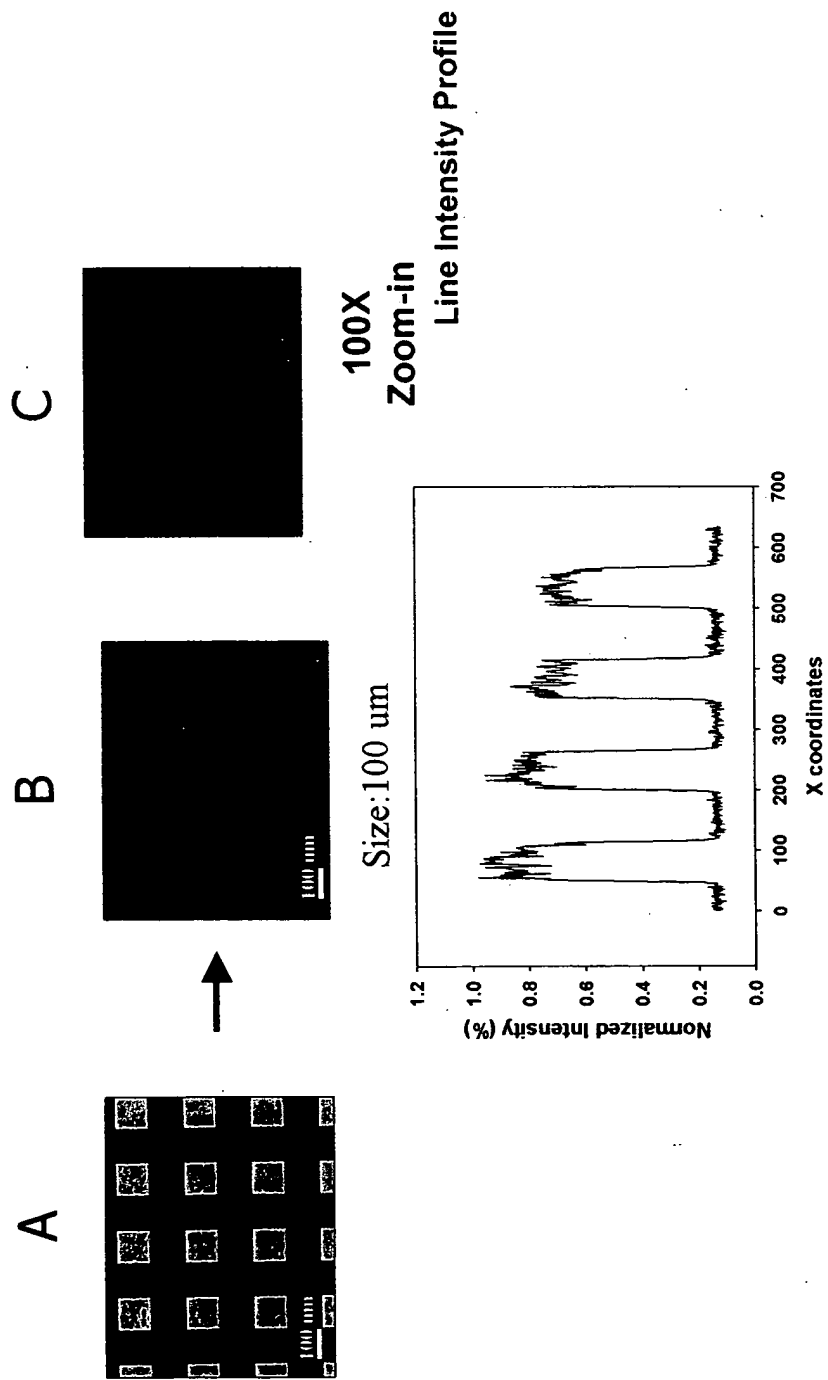


Fig. 6

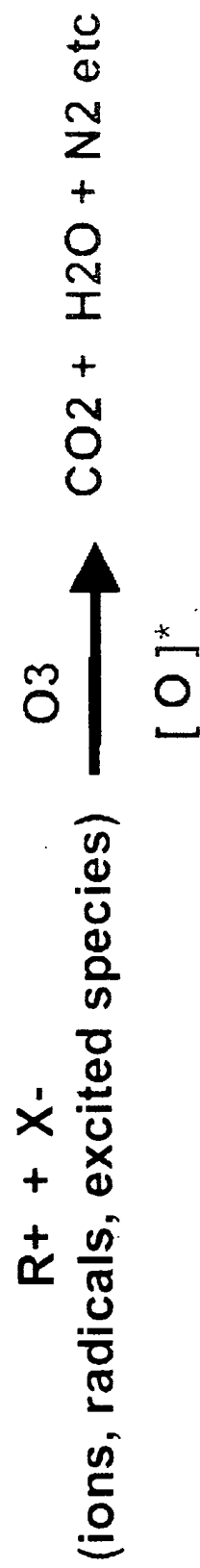
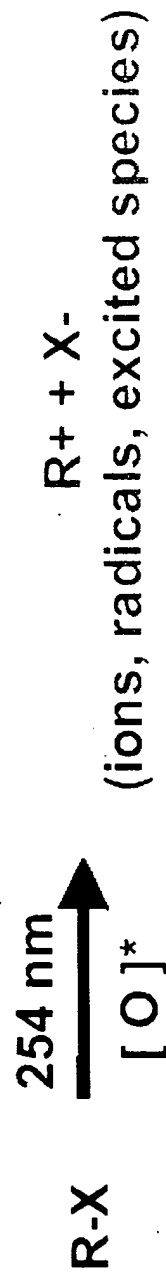


Fig. 7

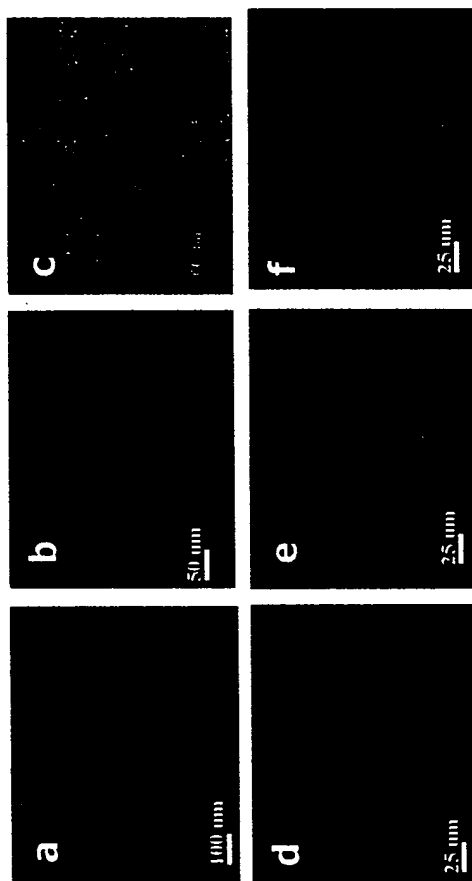


Fig. 8

10/31

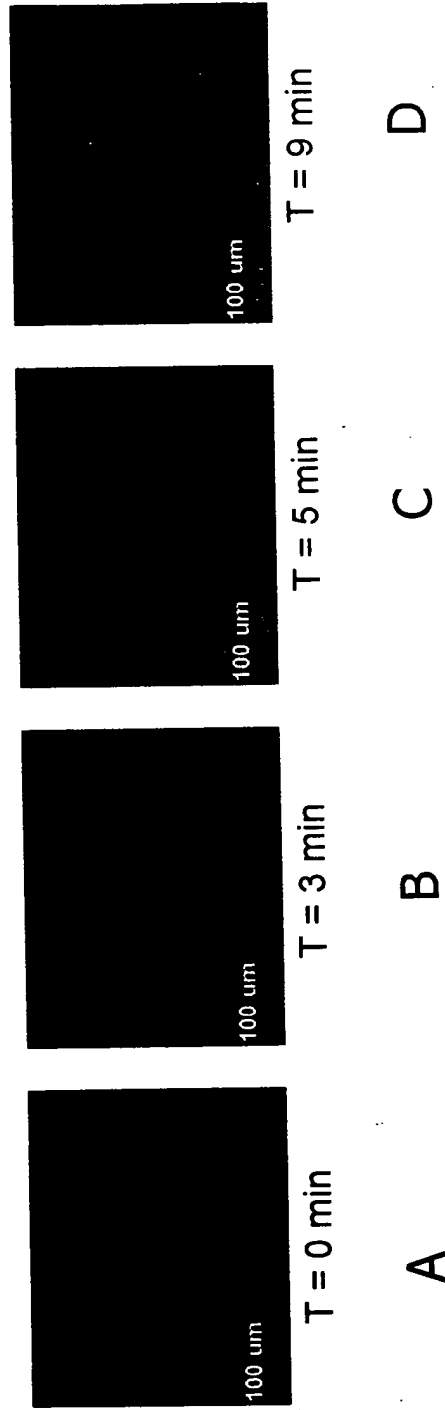
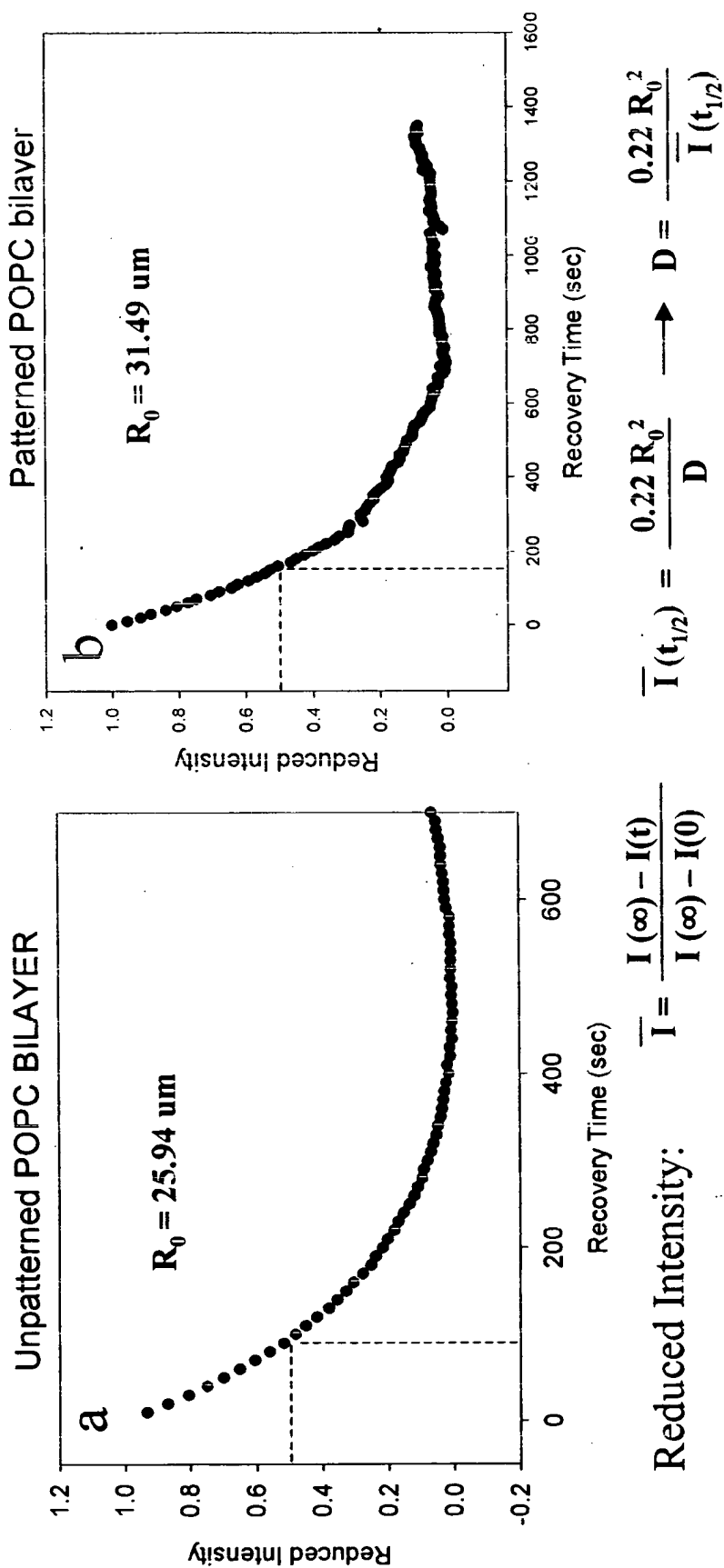


Fig. 9



(a₁)

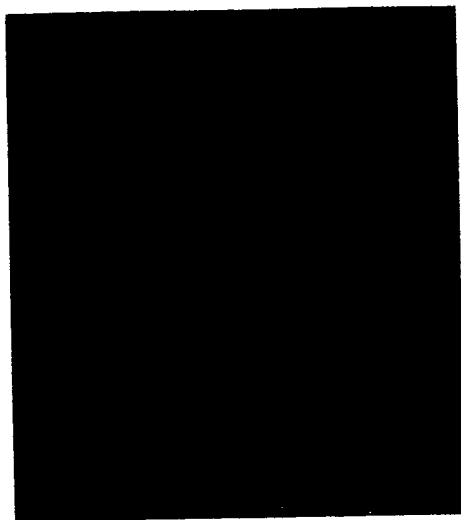
$$D = \frac{0.22 R_0^2}{\bar{I}(t_{1/2})} = 1.67 \text{ um}^2/\text{sec}$$

(b₁)

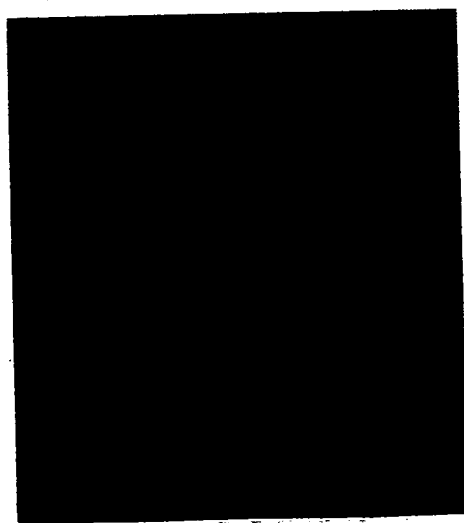
$$D = \frac{0.22 R_0^2}{\bar{I}(t_{1/2})} = 1.36 \text{ um}^2/\text{sec}$$

Fig. 10

12/31



$t = 96 \text{ hrs}$



$t = 1 \text{ hr}$

Fig. 11

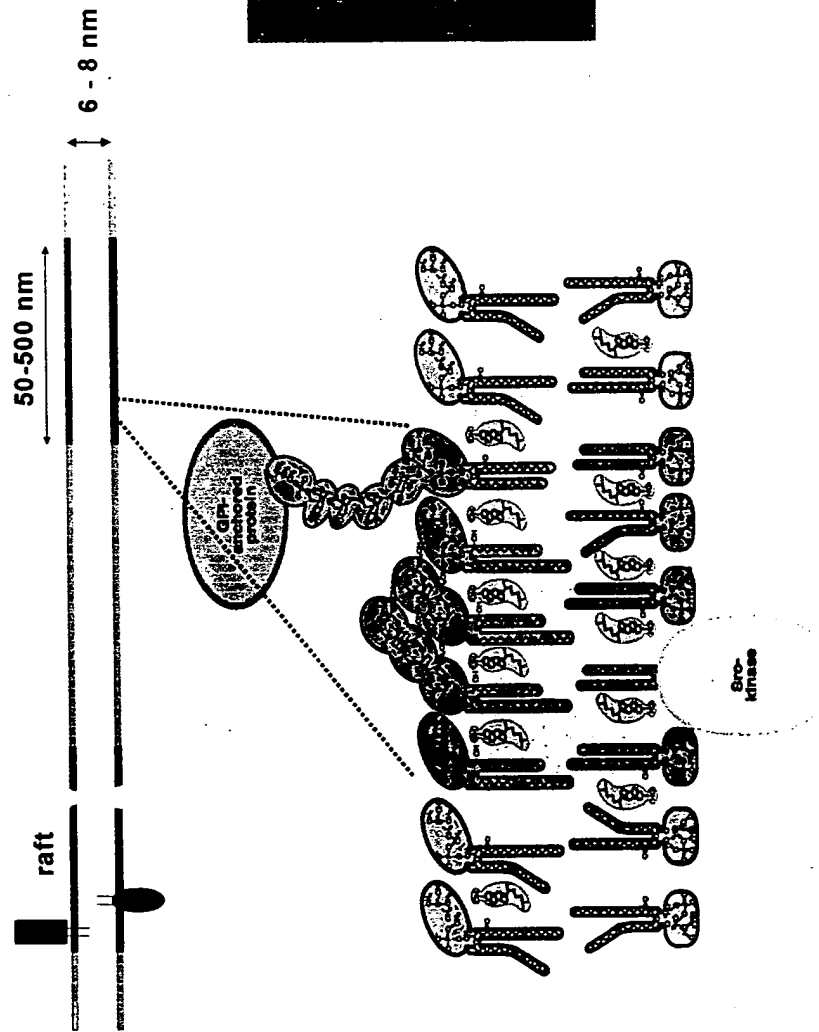


Fig. 12

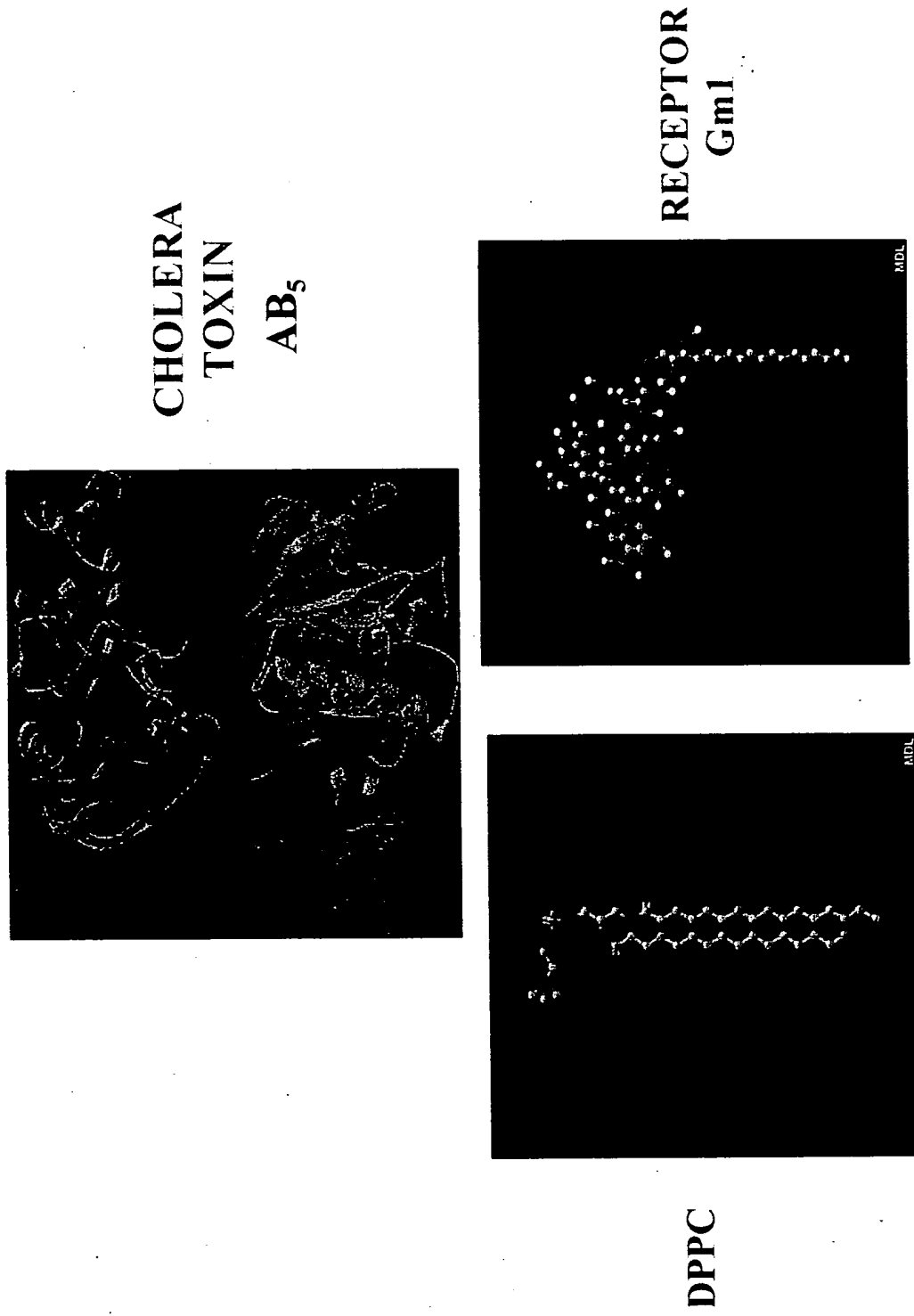


Fig. 13

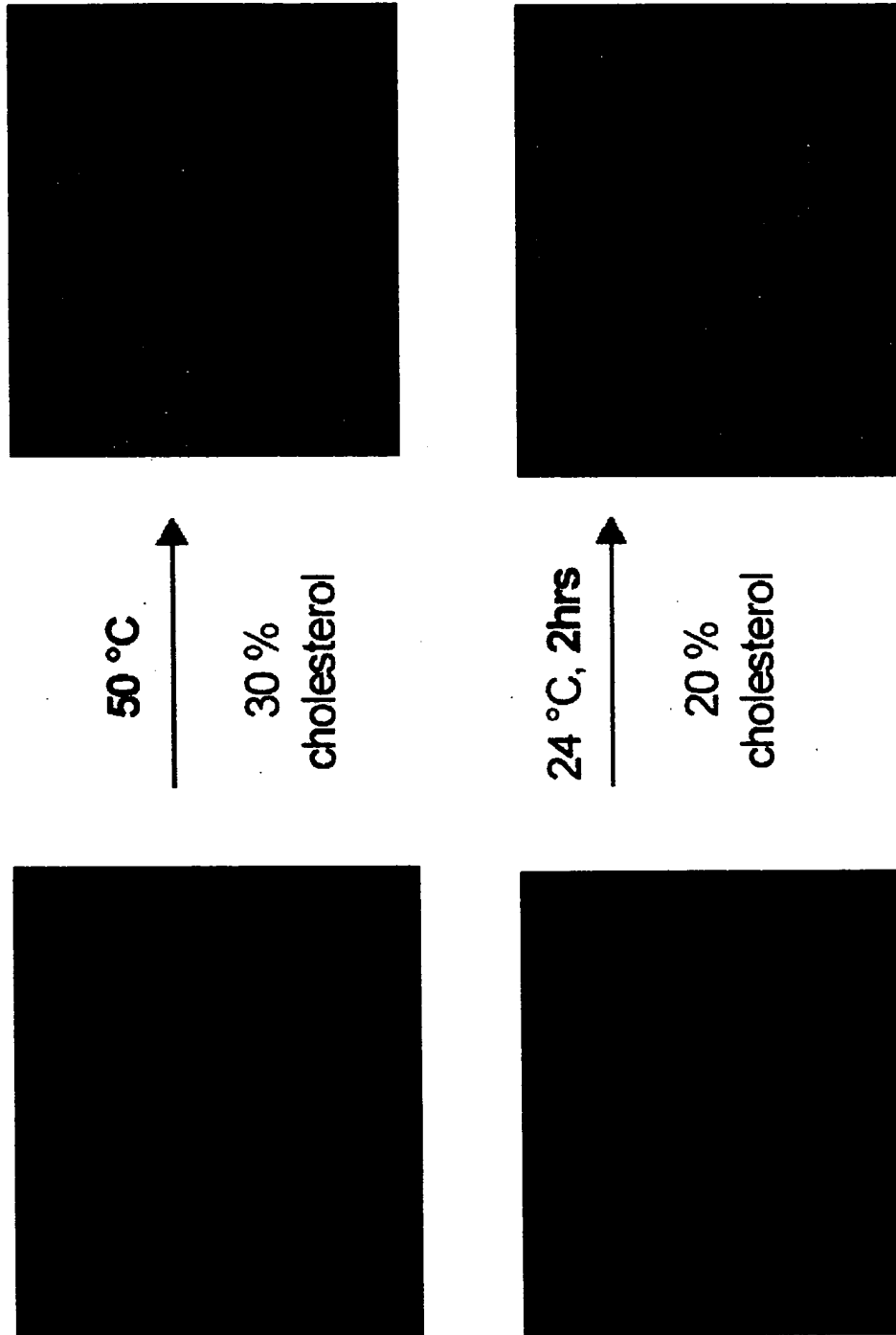


Fig. 14.

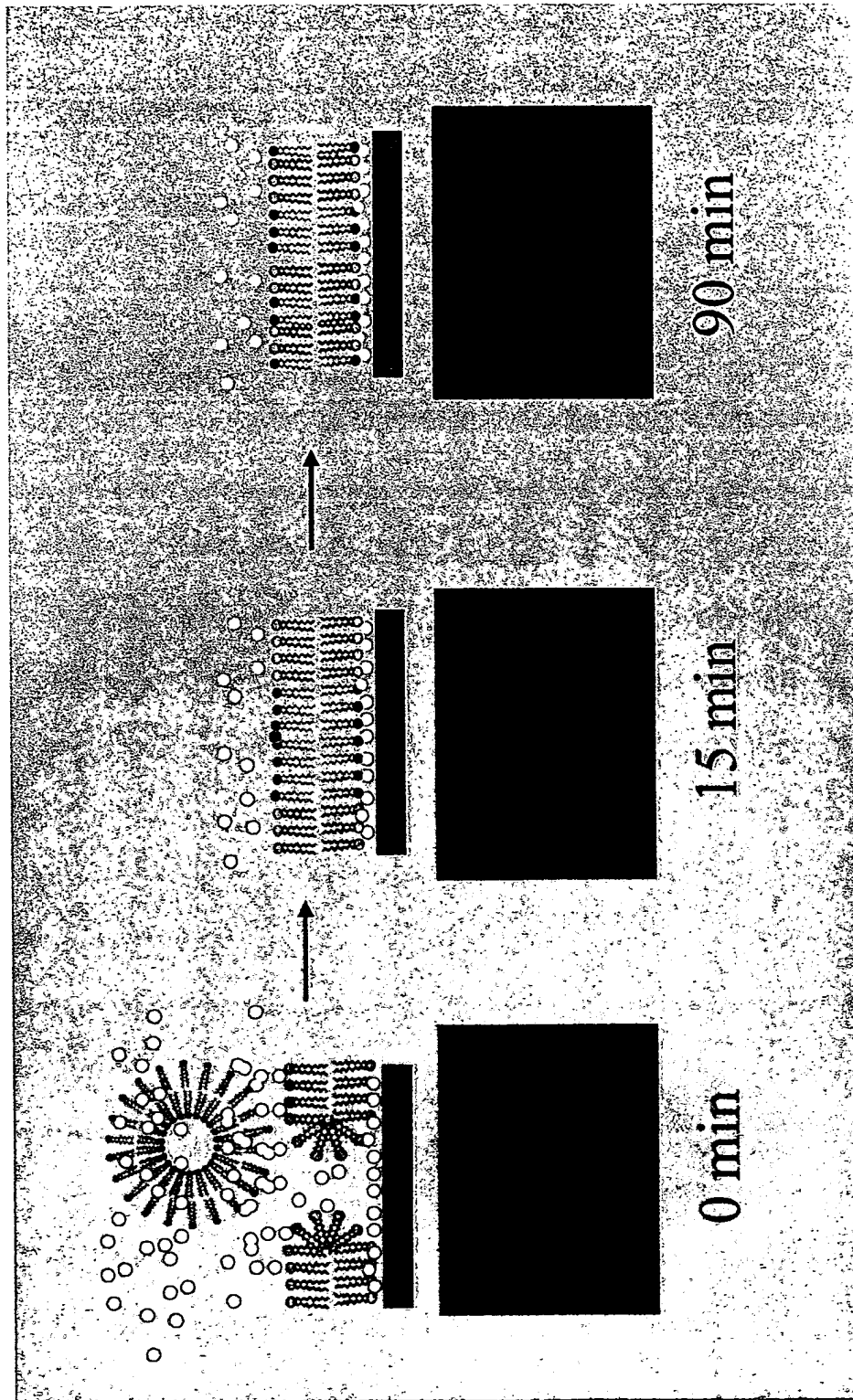


Fig. 15

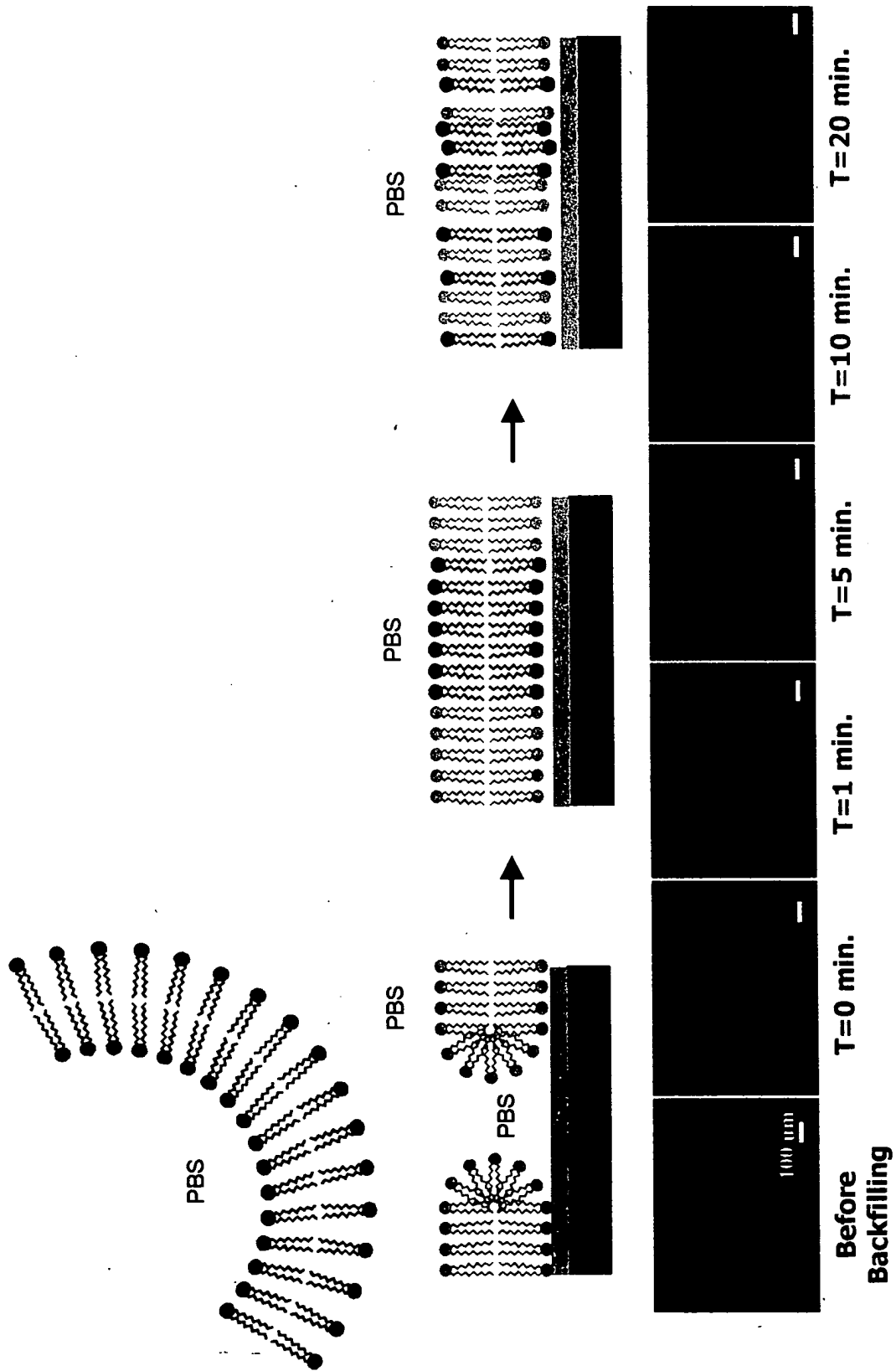


Fig. 16

18/31

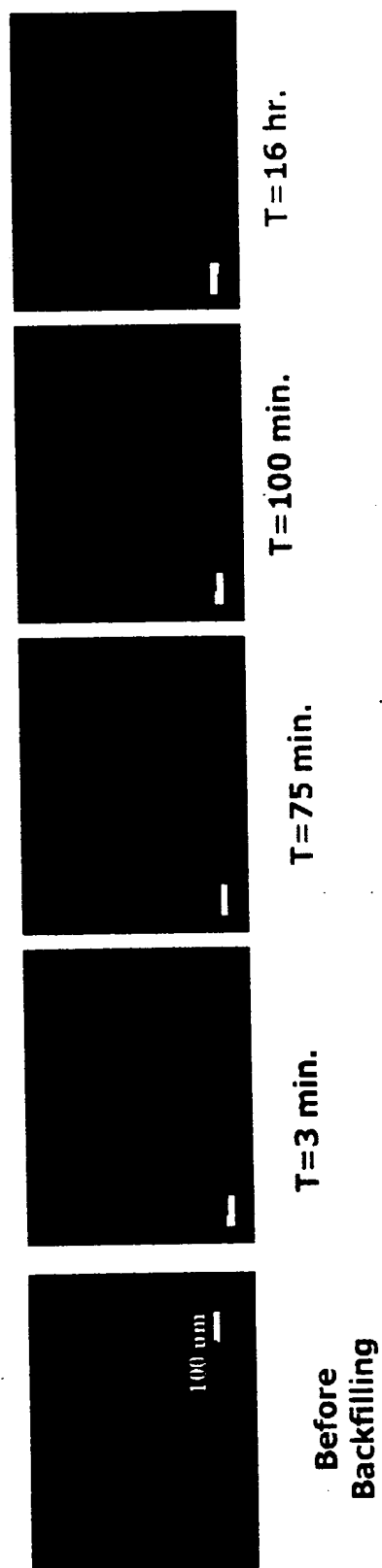


Fig. 17

19/31

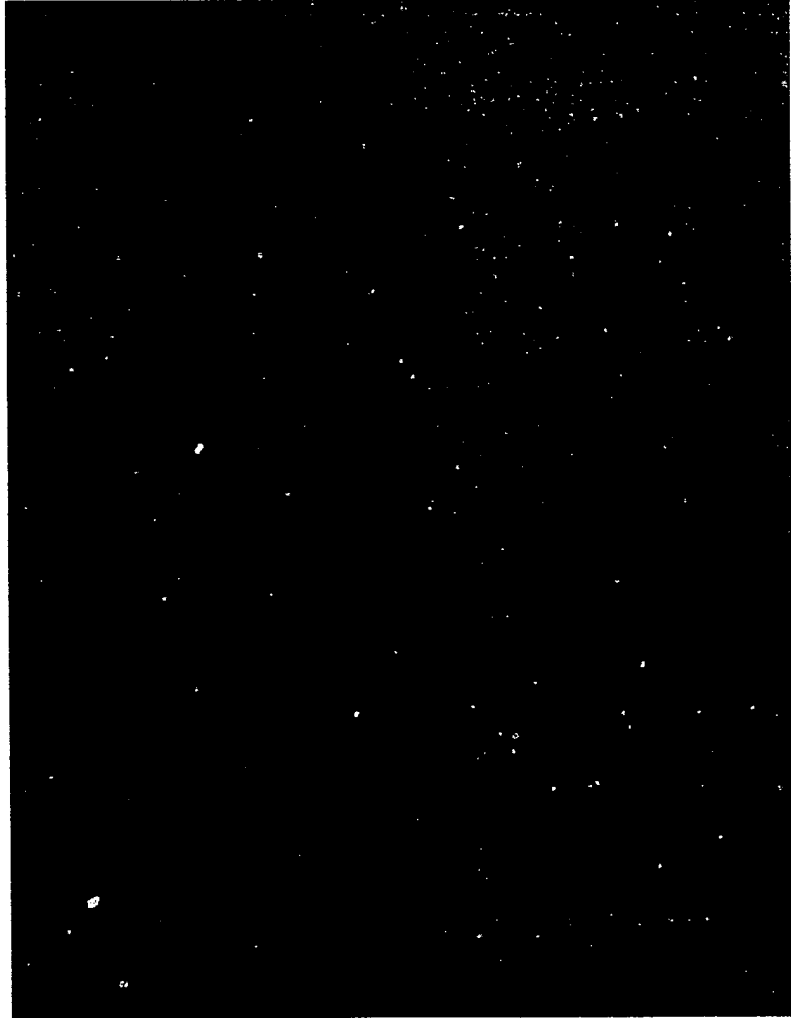


Fig. 18

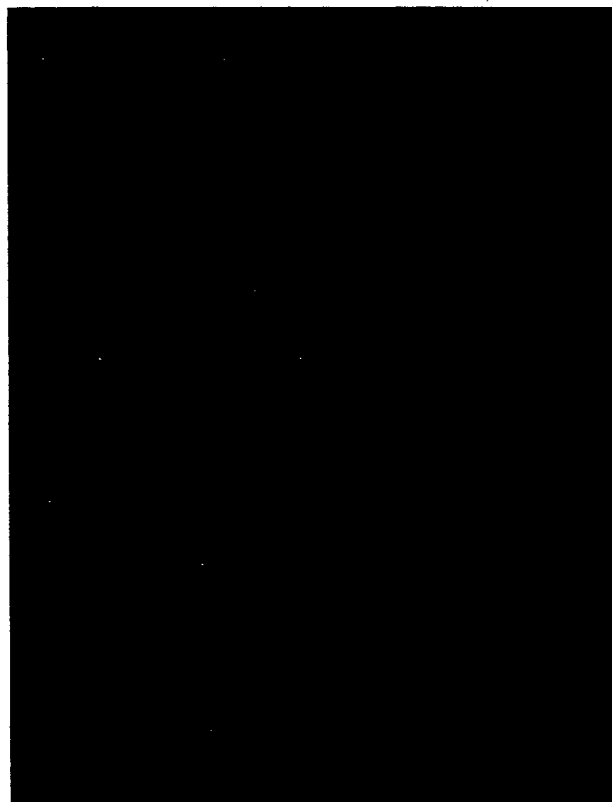


Fig. 19

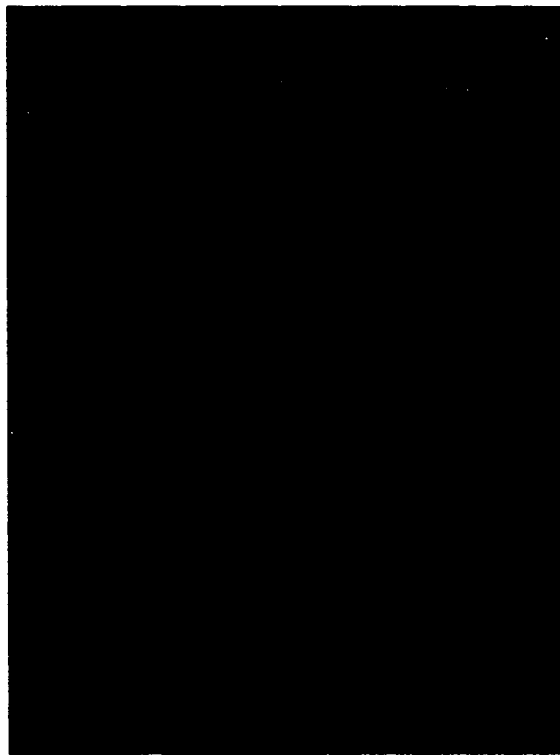


Fig. 20

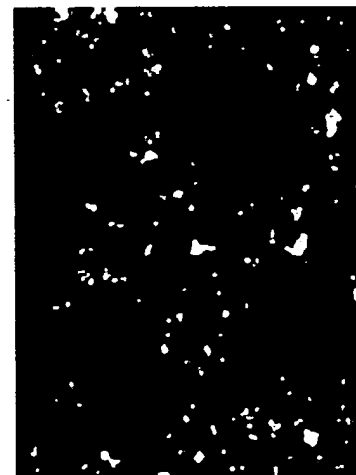
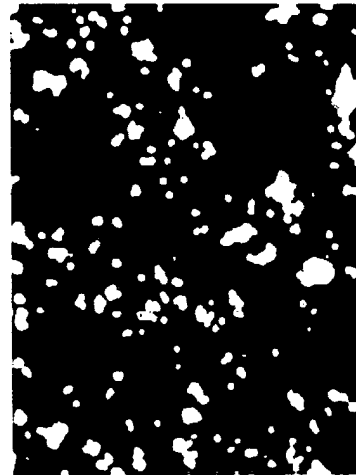
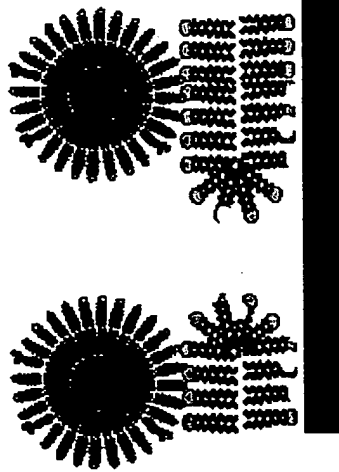
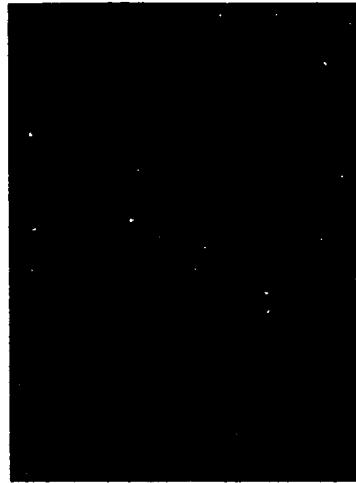
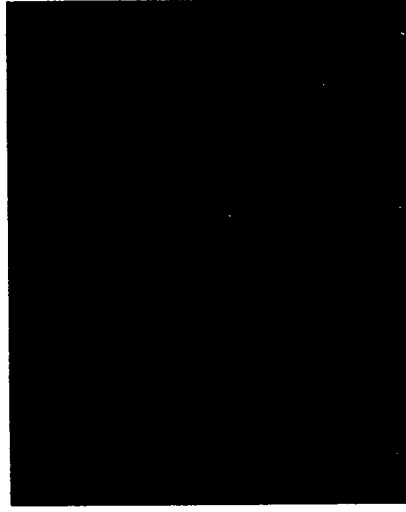


Fig. 21

a



b



c

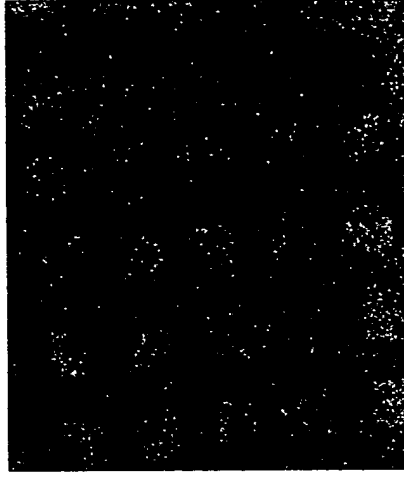


Fig. 22

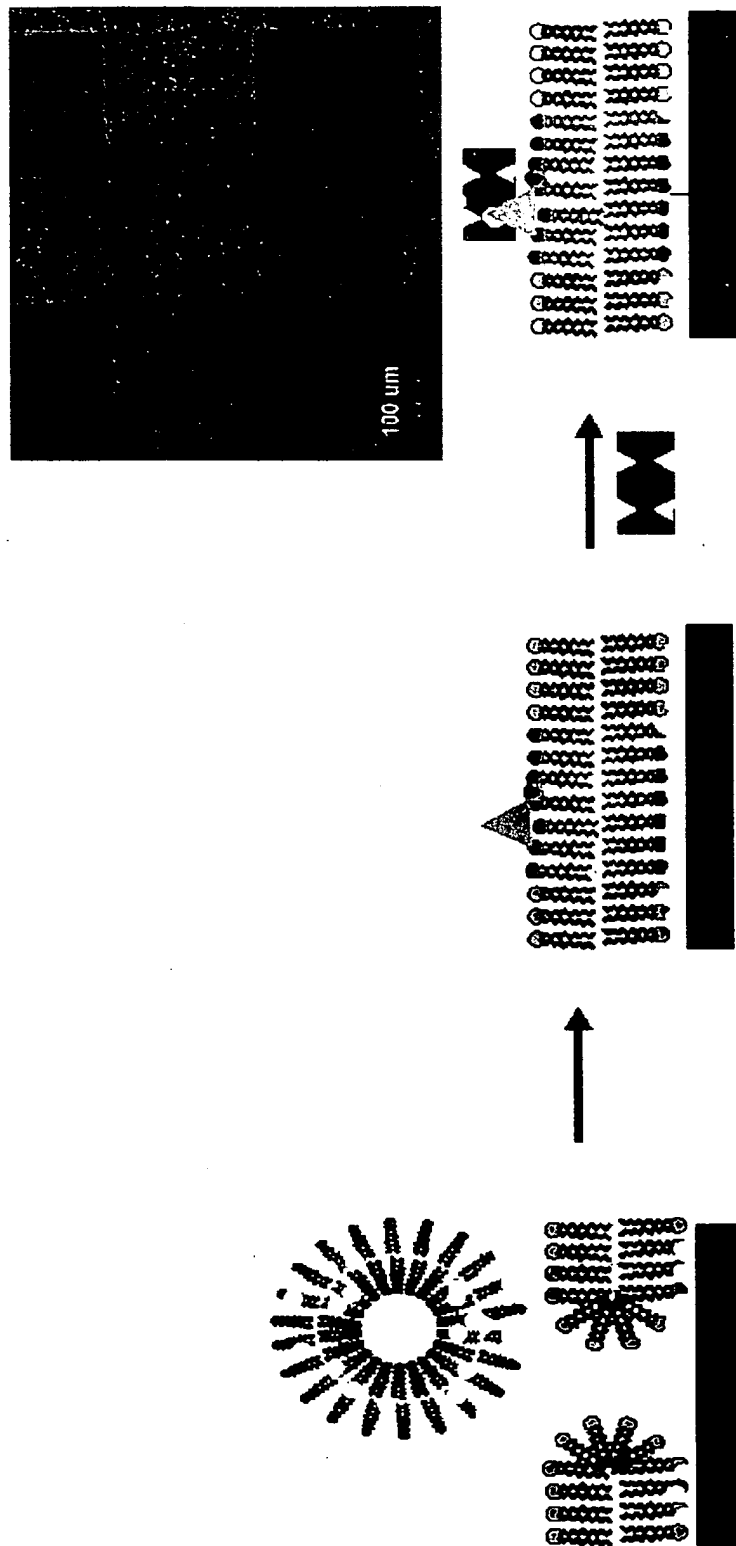


Fig. 23

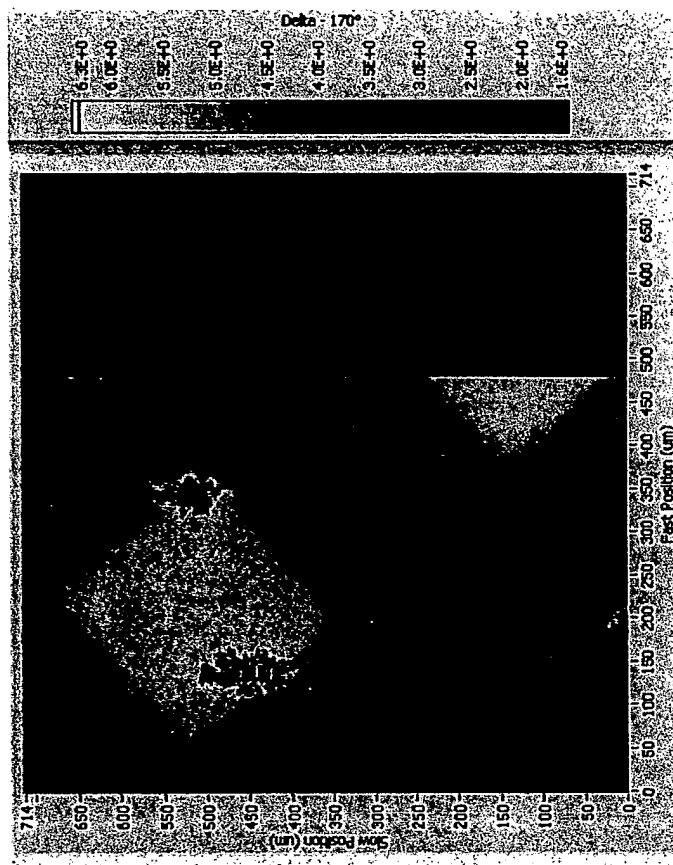


Fig. 24

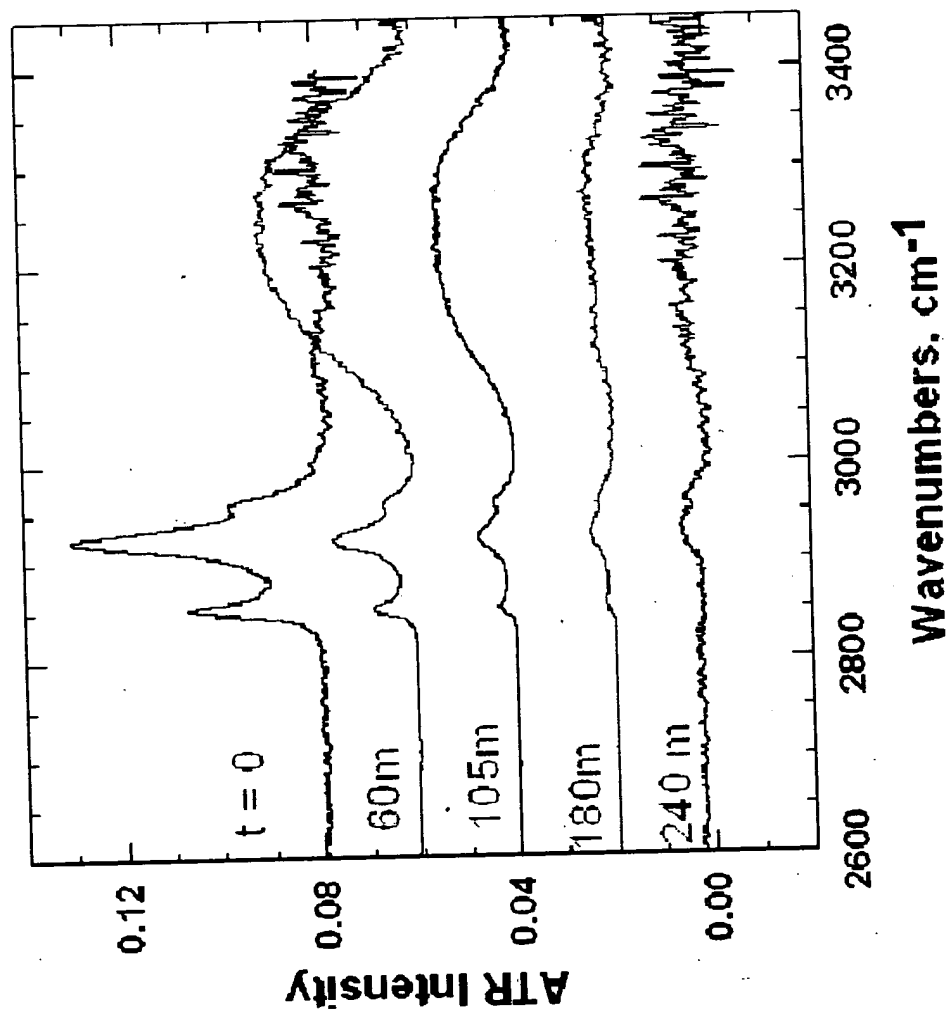


Fig. 25

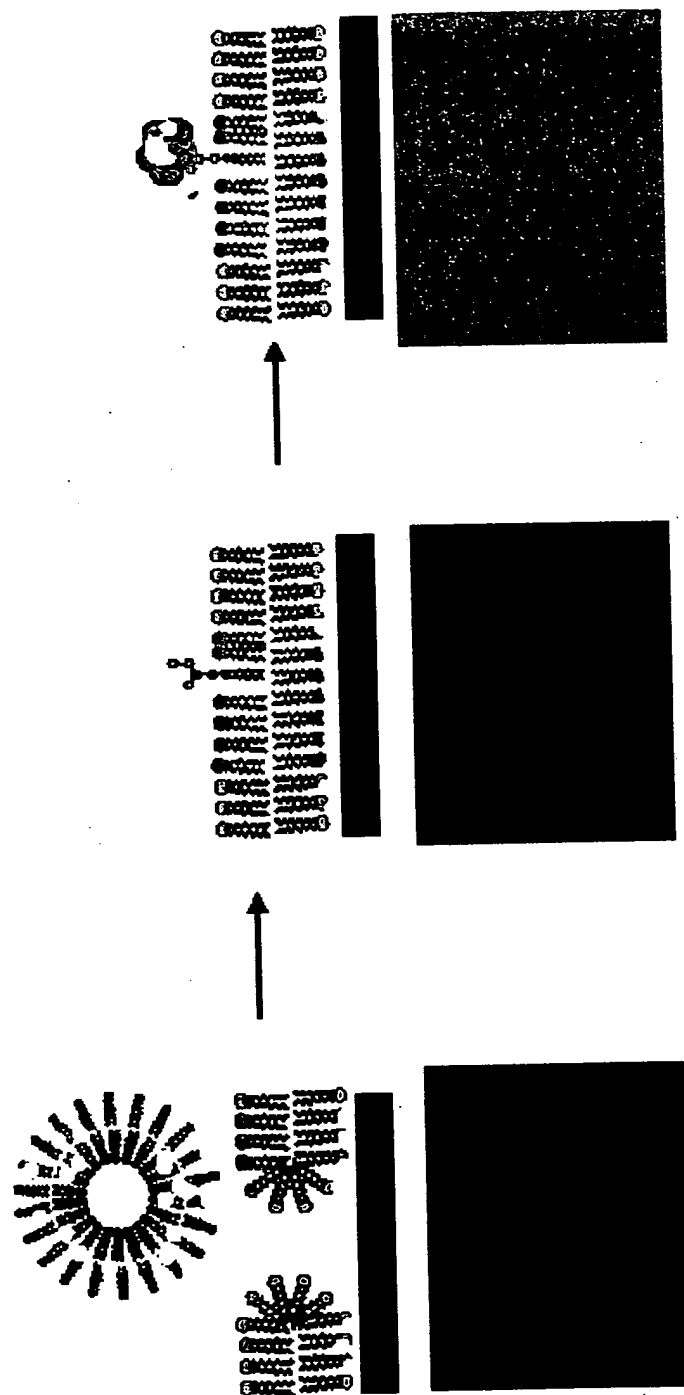


Fig. 26

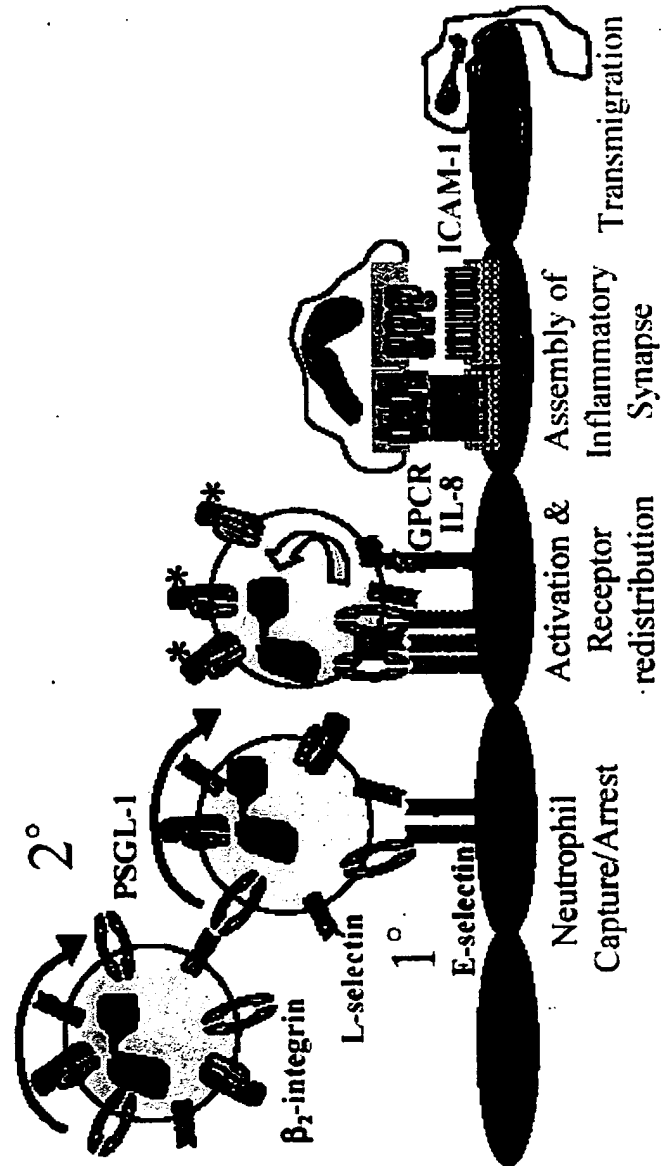


Fig. 27

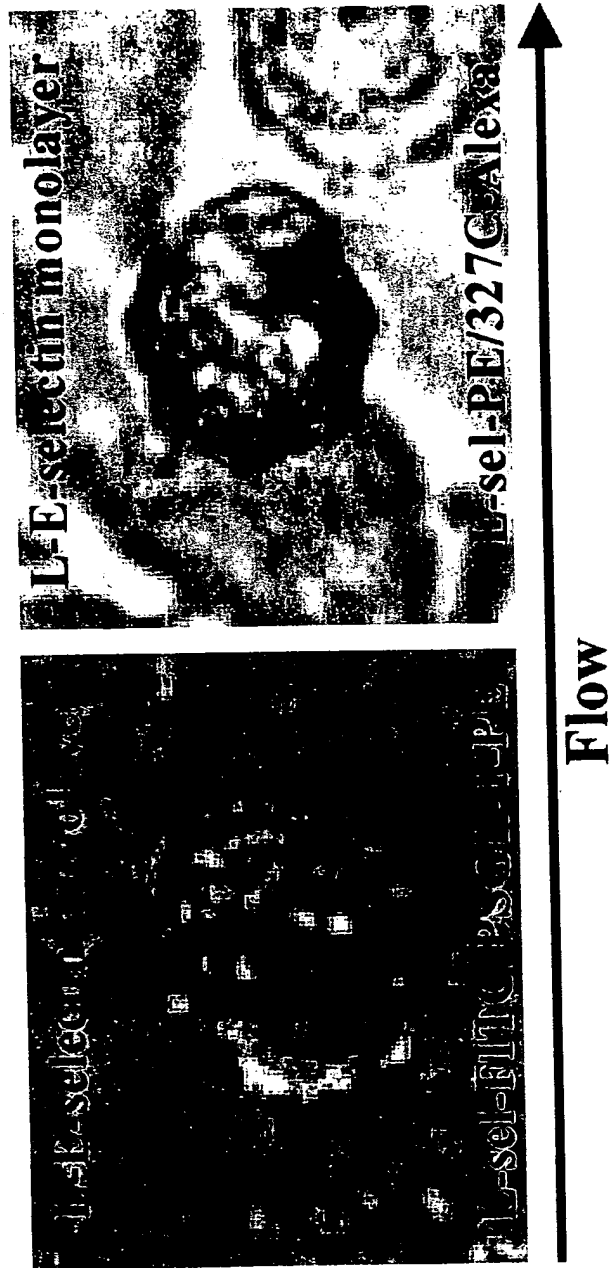


Fig. 28

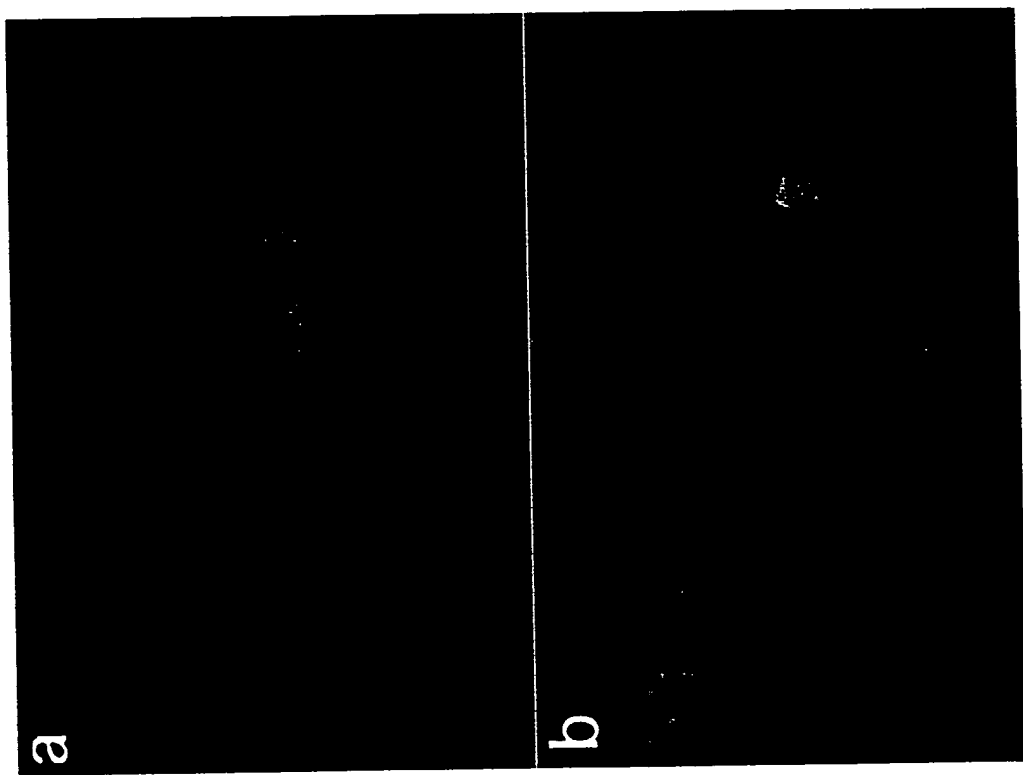


Fig. 29

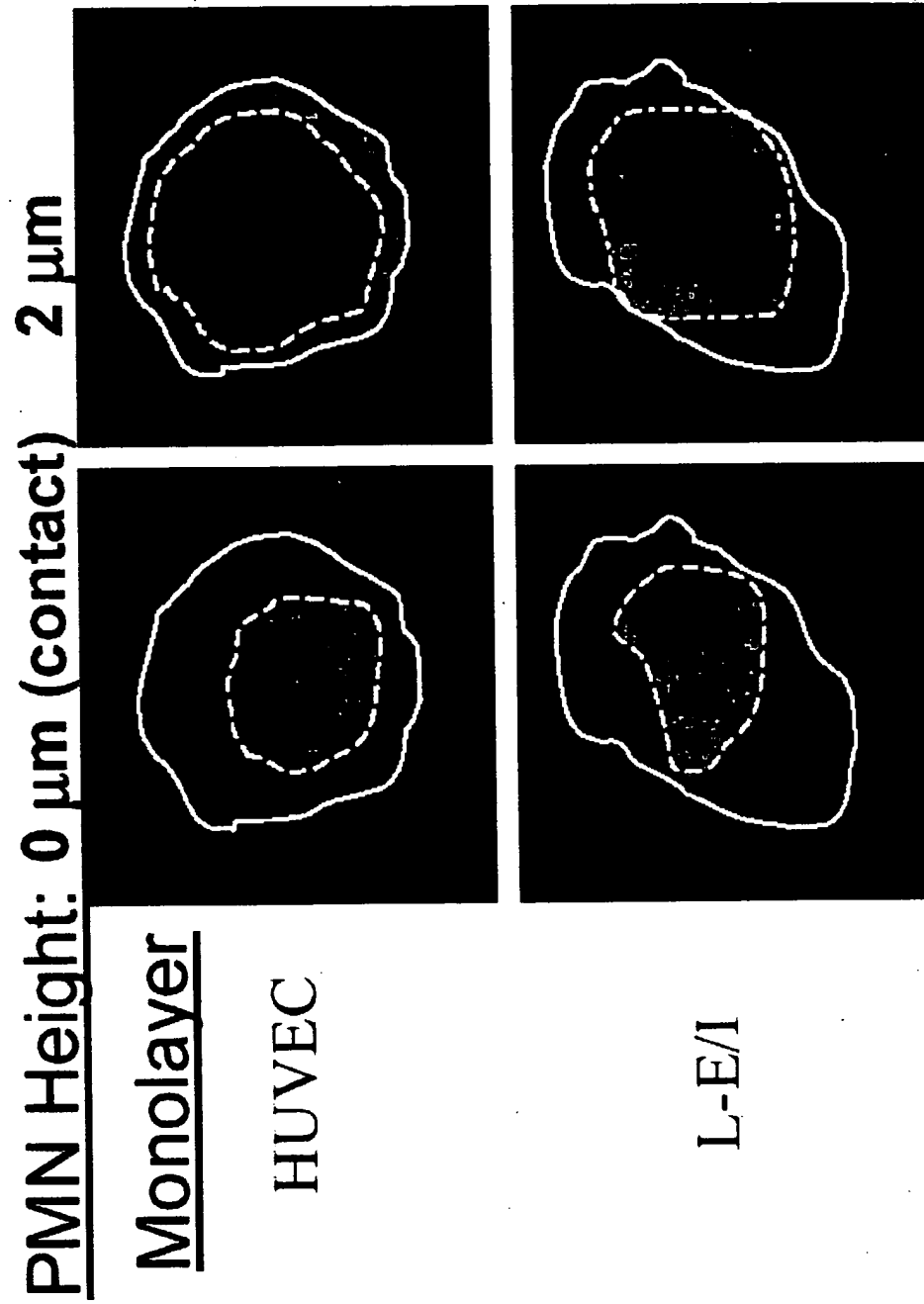


Fig. 30